

TOP SECRET CHESS

20 February 1957



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SUBJECT : Estimate of Construction Costs at the Mozhayak Installation, USSR.

REFERENCE: CIA, HTA-R-1-57, Unidentified Soviet Construction Project Near Mozhayak, USSR, January 1957, TOP SECRET CHESS.

The cost of the excavations and construction of the concrete shells for units 1 and 2 each are estimated as:

1. Units 1 or 2 (each) (page RG 10-57).

Excavation Cost \$100,000

The most efficient construction method would call for common excavation of an area approximately 25' deep X 188' wide X 500' long, or 2,350,000 ft³ (87,000 yd³) @ \$1 yd³ or \$87,000. Estimated cost of backfilling \$10,000. Total rounded to \$100,000.

Cost for Constructing the Concrete Shells \$900,000

Excludes interior equipment such as plumbing and heating, machinery, and also excludes finishing work inside or outside.

Total Cost of Excavation and Concrete Shells (rounded) \$1,000,000

The excavation and construction of the concrete shells cover only a part of the total work involved. Drainage, landscaping, construction of access (roads) and service facilities, and investments in production machinery are not included in the estimate, nor are supervision, bonding or compensation costs, or profits.

2. Cost of Construction 1A or 2A (each) (page RG 11-57).

Total cost for construction the shells (based on appearance of warehouse function, masonry type, by cost for total floor area). \$150,000

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3. Cost of Construction 1B or 2B (each) (page RG 11-57).

**Total cost for constructing the shells (based
on appearance of warehouse function, masonry type,
by cost for total floor area.**

\$100,000

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